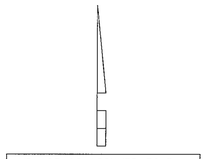


CONSTRUCTION DETAILS

A. Install 14 in. X 32 ft. (2 ply) steel strain pole with pedestrian signal heads and R10-4(I) sign at station 12+30: left 86 ft. (Note: two - 3 in. PVC schedule 80 electrical conduit bends and four-2¼in. X 96 in. anchor bolts).

B. Install 3 in. PVC schedule 80 electrical conduit - trenched.

C. Install electrical handhole.

D. Remove existing pedestal signal pole.

E. Install 12 in. white reflective thermoplastic pavement marking.

F. Install 20 ft. lighting arm for video camera detection system. (Installation of detection unit to be performed by Montgomery County forces. Contact Bobby Gonzales at 240-777-8791. Detection area to cover each approach lane and sampling loops). Coordinate lighting arm installation with Montgomery County.

G. Relocate sign as shown.

H. Remove existing steel strain pole and foundation.

I. Remove existing sign.

J. Install 24 in. white reflective thermoplastic pavement marking.

K. Install ⅜ in. steel span wire, a ¼ in. tether wire, signal heads and signs as shown.

L. Use existing handhole.

M. Deleted

N. Cap and abandon existing conduit.

O. Deleted

P. Deleted

Q. Use existing strain pole.

R. Install proposed electrical cables into existing controller cabinet and properly tag / label each cable. All internal wiring shall be conducted by signal contractor or MC-DPW&T forces. (To be determined by Bobby Gonzales, 240-777-8761).

T. Use existing span wire.

U. Install ground mounted sign.

V. Abandon existing loop detector.

W. Remove existing steel span wire, signal heads, signs and associated wiring.

X. Maintain existing conduit and detector cables.

Y. Install sign on steel pole.

Z. Remove existing pavement markings.

BB. Reroute existing interconnect cable.

CC. Abandon existing handhole.

DD. Install signal head as shown.

EE. Remove existing handhole.

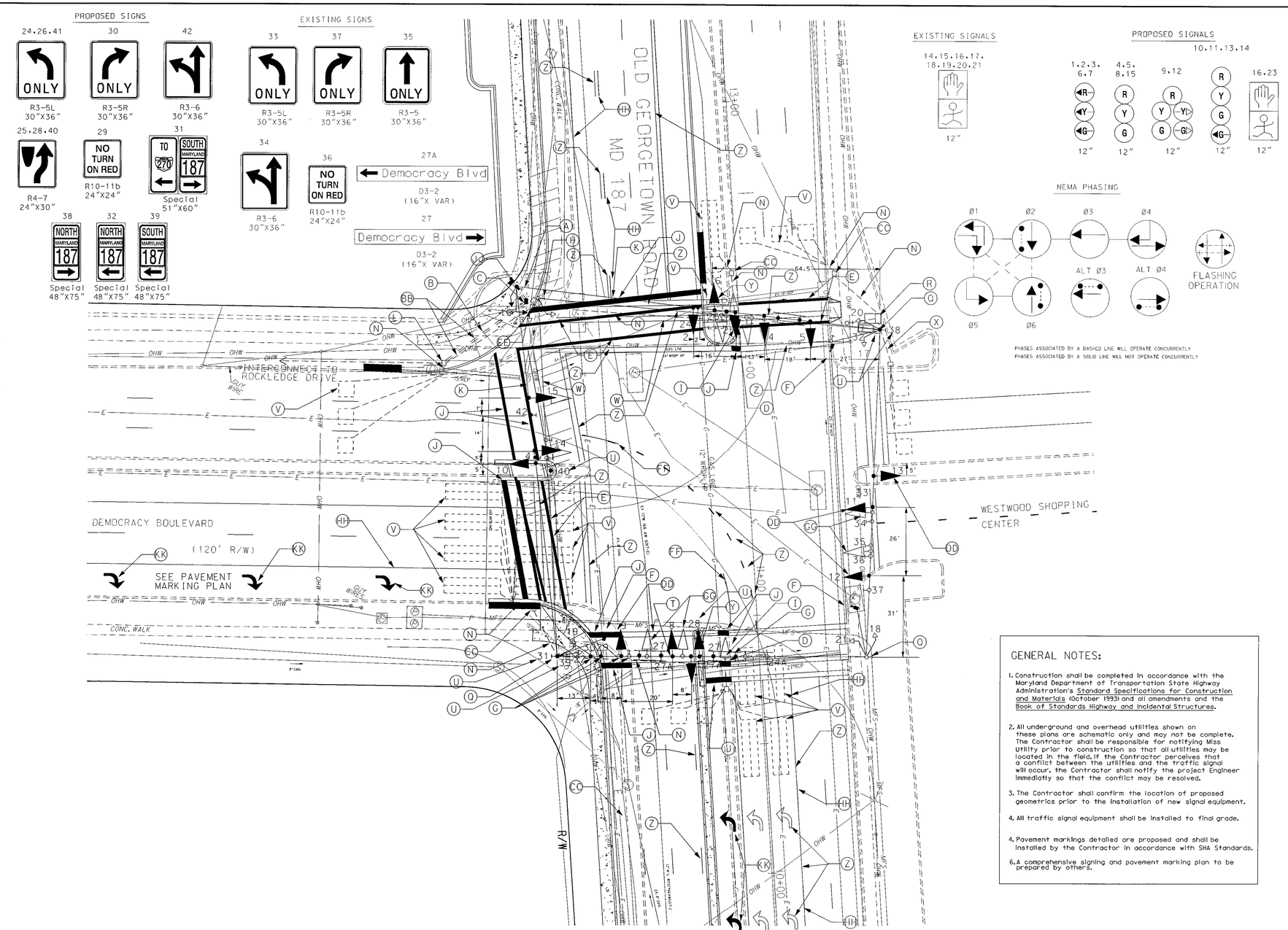
FF. Install 5 in. white reflective thermoplastic pavement marking.

GG. Remove existing signal head.

HH. Install 5 in. white reflective thermoplastic pavement marking.

JJ. Install interconnect splice box on signal pole.

KK. Install preformed thermoplastic pavement arrow.



UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
MCI — MCI	MCI
E — E	ELECTRIC CABLES
OHW — OHW	AERIAL CABLES
P — P	TELEPHONE CABLES

GENERAL NOTES:

1. Construction shall be completed in accordance with the Maryland Department of Transportation State Highway Administration's Standard Specifications for Construction and Materials (October 1993) and all amendments and the Book of Standards Highway and Incidental Structures.

2. All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the project Engineer immediatly so that the conflict may be resolved.

3. The Contractor shall confirm the location of proposed geometrics prior to the installation of new signal equipment.

4. All traffic signal equipment shall be installed to final grade.

4. Pavement markings detailed are proposed and shall be installed by the Contractor in accordance with SHA Standards.

6. A comprehensive signing and pavement marking plan to be prepared by others.

REVISIONS	APPROVALS
Ⓐ MODIFICATION OF SIGNAL DUE TO GEOMETRIC IMPROVEMENTS 9/27/02 BR394482	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION
MD 187 (OLD GEORGETOWN ROAD) AND DEMOCRACY BOULEVARD

DRAWN BY:	JAW	F.A.P. NO.		TS NO. 4131 A	SHEET NO. 1 OF 2
CHECKED BY:	LES	S.H.A. NO.	M08995172		
SCALE:	1" = 20'	COUNTY:	MONTGOMERY	T.I.M.S. NO. E482	
DATE:	9/27/02	LOG MILE:	15018703.36		